

3 February 1969

Data for Computer Application Registry

1. Title of the Application and Acronym
  - e.g. Security Automated Name Check Activity (SANCA)
2. Originator or User of the Application
  - e.g. Office of Security, X Division
3. Processor(s) of the Application
  - e.g. Office of Computer Services
4. Agency Program(s) and Target Areas Supported by the Application.
  - e.g. Program Wide  
Support Services  
World Wide
5. Number of Discrete, Specified Reports, or Other Output Measure Generated by the Application.
  - e.g. 8, Principal output: daily batch search of all names submitted, ts search for priority requests. Other periodic reports. Sporadic one-time reports not enumerated.
6. Application Included in the Time Sharing System? Planned for such Inclusion?
  - e.g. Yes. Operates in both TS and Batch Mode.
7. Type of Application
  - a. Data reduction
  - b. Information Processing
  - c. Information Storage and Retrieval
  - d. Other
  - e.g. Information Storage and Retrieval  
Information Processing

8. Average Number of Processing Requests per Month
  - e.g. TS requests = 350  
Batch requests = 26
9. Number of Files
  - a. File Size by # of records and/or # of characters.
  - b. File Storage Media
  - e.g. 3 Files
    - a. 2,350 K records; 320 characters per record; IBM 2320
    - b. 65 K records; 400 characters per record, Tape
    - c. 8 K records; 250 characters per record, Tape
10. Program(s) required for Processing
  - a. Internally written
  - b. Externally written
  - c. (Exclude vendor routines in Monitor or OS)
  - e.g. 5, all produced in OCS  
1, external contract (\$60K)
11. Program Language(s)
  - e.g. 3 in PL1  
1 in COBOL and Autocoder  
1 in Autocoder
12. Programmer - Analyst Time
  - a. Original Application
  - b. Major Revision(s)
  - c. Maintenance
  - e.g. a. 48 man months
    - (a) 42 OCS
    - (b) 6 O/S
  - b. 30 man months
    - (a) 24 OCS
    - (b) 6 O/C
  - c. 280 man hours/month
    - (a) 80 OCS
    - (b) 200 O/C
13. Processing Time (System hours per month)
  - e.g. 85 hrs 360/50

Explanatory Notes:

1. A registry item should be prepared as soon as the application is accepted for system design at which time it is anticipated that few of the items can be completed. Certainly 1-7 would be available at that time and possibly some partial elements in 8-14.

A. An application may be defined as a data processing activity which is self-contained from the viewpoint of the originator and must contain at least one unique title and acronym in the processor's accounting system. An application may, however, subsume several processor identified acronyms where the originator views these as a related activity or system. The originator will furnish the information requested in this report which accepts the assumption that the processor generates data on those activities he processes and will furnish them to the originator on demand.

b. Where title of the application plus elements in the following items fail to identify the objective or purpose of the application and particularly with new applications, a brief statement of the objective of the application should be incorporated into Item 1.

2. We anticipate that there may be more than one user for several applications, list other users if they are few, otherwise list by Directorate, or Agency Wide or Community Wide. It may be desirable to distinguish between direct users of the application and points to which output from the application may be sent.

The organization identified should be an office or DD/P division and may be extended to more detailed breakdown at the discretion of the originator.

3. Processors of the application should include those organizations with ADP equipment who regularly employ that equipment to produce output from the applications. It need not include irregularly used (or provided) back-up facility for processing unless the originator chooses to provide such information.

4. Agency program and program category supported should be included where relevant. It is recognized that a given application may support more than one program and/or program category (all should be identified). The target area supported should be defined as discretely as possible to the country level at its finest division. Where the number of target subdivision exceed four at any given level, we would prefer a regional or world wide designator (as appropriate) be employed. See appropriate Program Call for descriptors.

5. It is recognized that certain applications do not generate a discrete report but rather produce a data output in response to a specific process or query. Indicate none if such be the case and, as appropriate, a general description of the output from the application if this is not covered in item 1.

6. Indicate that the application is included in the time-sharing system or not. If the application is resident in the time-sharing system and is also batch processed, so indicate. Applications which are in the time-sharing system and which use remote batch processing but not specific requests on request form to the processor for batch processing should identify their application as a time-sharing application only.

7. We prefer the use of the generic descriptions in a b and c which are basically unambiguous. We do not regard the accumulation of management data on information storage and retrieval systems and its subsequent manipulation as transforming said operation to a dual information processing and information storage and retrieval activity. Data reduction may be distinguished from information processing in that a part of the original data disappears or is completely transformed in data reduction whereas the original data set remains intact (except where it has been augmented) in the course of an information processing activity.

8. A proximate average of requests per month on the reporting date, prefer not to have either last month's requests or the mean over the reporting period but a mean adjusted to the reporting date.

9. Certain applications, particularly data reduction applications are not file oriented, some may not use files in any way. If answer is none, so indicate. If files created from a data reduction application are transferred to another discrete application, they should only be identified with the latter. Where files are used in more than one application, they should be identified only with the originator's application in which said files are used or available for processing. Average number of characters per record is preferred to permissible but either is acceptable.


10. Only the number of programs prepared for this application need be identified and whether they were written internally, externally, or jointly internal and external. Again, vendor furnished utilities and Monitor or Operating Systems should not be included in this item.

11. Identify the program language(s) used by program numbers as in the example rather than in simple enumeration if more than one language is used.

12. Estimates are cheerfully accepted where they are the best information available and they are preferred when identifying maintenance required, see ExN 8 above. Where feasible, we would prefer a break down between originator and processor hours.

13. It is recognized that system hours, indeed any measure here, is inherently arbitrary but it is the one most universally employed by the processors and is the one which most nearly reflects our expenditure for equipment.

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Chief, Information Processing Staff

Distribution:

1 - Each IP Coordinator

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TO: [REDACTED]	
ROOM NO. 710	BUILDING Mag Building
REMARKS: Bob, if I understand the attached correctly, there does not seem to be much use for this type of data within OC though we certainly do not object to the registry. It appears to parallel the present system for maintaining data on computer hardware. As you know we keep OCS updated on our hardware data and twice a year we receive a report from them. This report is filed and to my knowledge it has not been used by the Office, at least to date.	
TAC [REDACTED]	
FROM: [REDACTED]	Ex. Asst. OC
ROOM NO. [REDACTED]	[REDACTED]

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TO: [REDACTED]		DATE 11 Feb. 1969
ROOM NO. G-A-43	BUILDING Hqs.	
REMARKS:  I have been given this proposal for coordination and comment to [REDACTED] by the date mentioned in his memorandum.  I would appreciate receiving any observations you may have before COB Friday 14 Feb.   RHW		
FROM:		
ROOM NO.	BUILDING	[REDACTED]

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